

## TECHNICAL SPECIFICATIONS

### Engine:

Manufacturer	Allison
Model	250 C47

### Power Ratings:

Takeoff	791 shp / 590 kw
Max Continuous	704 shp / 525 kw

### Transmission Ratings:

Take off	674 shp / 503 kw
Continuous	674 shp / 503 kw

### Rotor Systems:

Main Rotor Blades	4
Tail Rotor Blades	4
Main Diameter	35.00 ft / 10.70 m

### Dimensions External:

Length, fuselage	32.20 ft / 9.80 m
Length, T/R turning	32.20 ft / 9.80 m
Length, M/R turning	no data available
Width, fuselage	4.80 ft / 1.50 m
Width, widest point	7.20 ft / 2.20 m
Width, landing gear	7.20 ft / 2.20 m
Height, top, rotor hub	11.80 ft / 3.60 m
Height, top, tail fin	10.20 ft / 3.10 m
Height, top, TR Gaurd	10.20 ft / 3.10 m

### Dimensions, Internal:

Cabin Length, max	5.00 ft / 1.52 m
Baggage Length, max	3.00 ft / 0.91 m
Cabin Width, max	4.48 ft / 1.37 m
Baggage Width, max	no data available
Cabin Height, max	4.20 ft / 1.28 m
Baggage Height, max	1.80 ft / 0.55 m

### Hourly Maintenance Cost:

\$408 - 450

### Accomodations:

Standard seating	2 + 2 + 3
High density	2 + 2 + 3

### Weights:

Max gross	5000 lb / 2260 kg
Empty, std acft	2598 lb / 1178 kg
Useful load	2402 lb / 1090 kg
Useful, with full fuel	2402 lb / 1090 kg
External load	2646 lb / 1200 kg
Gross with ext load	5500 lb / 2499 kg

### Average Fuel Consumption:

Gallons per hour (GPH)	36-42
Liters per hour (LPH)	136-159

### Range:

Max Fuel	328 nm / 608 km
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### Endurance:

Cruise, no reserves	4.0 hrs
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### Performance:

Service ceiling	20,000 ft / 6096 m
HIGE	14,400 ft / 4389 m
HIGE, ISA+20ØC	11,600 ft / 3536 m
HOGE	11,300 ft / 3440 m
HOGE, ISA+20ØC	8200 ft / 2499 m